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(FILE 'USPAT' ENTERED AT 15:19:54 ON 07 DEC 1998)
L1 1033 S PUBLIC (3W) KEY
L2 3777 S (WIDE (3W) AREA (3W) NETWORK) OR INTERNET OR BITNET OR T
ELN
L3 210 S L1 AND L2

=> d 13, 25, 48, 69, 87, 102, 154, 173, 175, 188

13. 5,825,880, Oct. 20, 1998, Multi-step digital signature method and system; Frank W. Sudia, et al., 380/21, 25, 30 [IMAGE AVAILABLE]

25. 5,812,671, Sep. 22, 1998, Cryptographic communication system; Robert C. Ross, Jr., 380/49, 21, 25 [IMAGE AVAILABLE]

48. 5,790,790, Aug. 4, 1998, Electronic document delivery system in which notification of said electronic document is sent to a recipient thereof; Jeffrey C. Smith, et al., 395/200.36, 200.37, 200.49 [IMAGE AVAILABLE]

69. 5,764,768, Jun. 9, 1998, Blind encryption; Jeffrey F. Spelman, et al., 380/21, 30 [IMAGE AVAILABLE]

87. 5,748,735, May 5, 1998, Securing E-mail communications and encrypted file storage using yaksha split private key asymmetric cryptography; Ravi Ganesan, 380/21, 30 [IMAGE AVAILABLE]

102. 5,732,137, Mar. 24, 1998, Method and apparatus for secure remote authentication in a public network; Ashar Aziz, 380/25, 21 [IMAGE AVAILABLE]

154. 5,638,446, Jun. 10, 1997, Method for the secure distribution of electronic files in a distributed environment; Aviel D. Rubin, 380/25, 23, 30 [IMAGE AVAILABLE]

173. 5,588,060, Dec. 24, 1996, Method and apparatus for a key-management scheme for **internet** protocols; Ashar Aziz, 380/30, 21 [IMAGE AVAILABLE]

175. 5,557,678, Sep. 17, 1996, System and method for centralized session key distribution, privacy enhanced messaging and information distribution using a split private key public cryptosystem; Ravi Ganesan, 380/21, 30 [IMAGE AVAILABLE]

188. 5,416,842, May 16, 1995, Method and apparatus for key-management scheme for use with **internet** protocols at site firewalls; Ashar Aziz,

The computer media on which an **electronic contract** is stored as data also provides a permanent record to which a court can turn in the event of a . . . existence of a representation of the parties' understanding, but endures beyond the lifetime of paper. Should the contents of an **electronic contract** be brought into question, the data comprising the terms and conditions of the **electronic contract** is immediately retrievable and transformable to a human readable document.

DETDESC:

DETD(11)

Another requirement issue which becomes evident under the Statute of Frauds in regard to the use of **electronic contracts** is the signature requirement by the person to be charged. The Uniform Commercial Code (UCC) defines "signed" to include "any. . .

DETDESC:

DETD(27)

Alterations of the contract during transmission is particularly a concern with respect to written and **electronic contracts**. The written document can easily pass through human hands that can expertly alter the contents of the paper expression. Detecting. . .

DETDESC:

DETD(60)

The . . . first party's offer, transmits an electronic (ex.--EDI standard form) response to the first party signifying acceptance of the offer, an **electronic contract** is formed. This response can be an echoing of the basic terms of the first party's offer, along with an. . .

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US PAT NO: 5,191,613 [IMAGE AVAILABLE]

L2: 17 of 41

DATE FILED: Nov. 15, 1991

REL-US-DATA: Division of Ser. No. 615,029, Nov. 16, 1990.

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US PAT NO: 5,163,091 [IMAGE AVAILABLE]

L2: 18 of 41

SUMMARY:

BSUM(12)

In this manner, no paper document version of this **electronic contract** need be produced. All the traditional elements of a paper contract are present in electronic form in the computer system. Each of these elements satisfy the traditional legal requirements for paper contracts, thereby implementing an **electronic contract**.

DETDESC:

DETD(9)

The computer media on which an **electronic contract** is stored as data also provides a permanent record to which a court can turn in the event of a . . . existence of a representation of the parties'

31. 4,038,216, Jul. 26, 1977, Material and method of making secondary-electron detector; Victor E. Henrich, et al., 2,514; 75/235; 204/192.22, 192.3; /19 [IMAGE AVAILABLE]

32. 4,027,383, Jun. 7, 1977, Integrated circuit packaging; Terry O. Herndon, et al., 438/111; 29/827; 438/112, 113 [IMAGE AVAILABLE]

33. 3,974,382, Aug. 10, 1976, Lithographic mask attraction system; Stephen E. Bernacki, 378/34; 101/467; 250/492.2; 430/302 [IMAGE AVAILABLE]

34. 3,965,277, Jun. 22, 1976, Photoformed plated interconnection of embedded integrated circuit chips; Elis A. Guditz, et al., 430/319; 156/300; 216/18, 52, 83; 264/272.17; 427/98, 272, 405, 409, 510; 430/269, 315, 396 [IMAGE AVAILABLE]

35. 3,934,069, Jan. 20, 1976, Non-smudging pressure-sensitive copying material; Otto Atzrott, et al., 428/323; 264/4.1, 4.3; 427/144; 428/206, 321.5, 402.2, 402.22; 503/213, 214, 217 [IMAGE AVAILABLE]

36. 3,912,394, Oct. 14, 1975, Method and system of interferometric measurements of modulation transfer functions; Dennis Kelsall, 356/353 [IMAGE AVAILABLE]

37. 3,886,530, May 27, 1975, Signal storage device; Ernest E. Huber, et al., 365/118; 257/290, 324, 405; 315/8.51; 365/147 [IMAGE AVAILABLE]

38. 3,818,243, Jun. 18, 1974, ERROR CORRECTION BY REDUNDANT PULSE POWERED CIRCUITS; Robert E. McMahon, 326/12; 327/199; 377/28, 67 [IMAGE AVAILABLE]

39. 3,746,867, Jul. 17, 1973, RADIATION RESPONSIVE SIGNAL STORAGE DEVICE; Robert J. Phela, Jr., et al., 365/114; 250/215; 257/290, 296; 348/297, 363 [IMAGE AVAILABLE]

40. 3,649,838, Mar. 14, 1972, SEMICONDUCTOR DEVICE FOR PRODUCING RADIATION IN RESPONSE TO INCIDENT RADIATION; Robert J. Phelan, Jr., 257/84; 250/214LA; 359/321 [IMAGE AVAILABLE]

41. 3,603,739, Sep. 7, 1971, DIGITAL TRANSMISSION SYSTEM EMPLOYING IDENTIFIABLE MARKER STREAMS ON PULSES TO FILL ALL IDLE CHANNELS; James O. Edson, 370/433, 458 [IMAGE AVAILABLE]

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:17

US PAT NO: 5,191,613 [IMAGE AVAILABLE]

L2: 17 of 41

SUMMARY:

BSUM(14)

In this manner, no paper document version of this **electronic contract** need be produced. All the traditional elements of a paper contract are present in electronic form in the computer system. Each of these elements satisfy the traditional legal requirements for paper contracts, thereby implementing an **electronic contract**.

DETDESC:

DETD(9)

14. 5,215,122, Jun. 1, 1993, Quick disconnect fluid coupling with integral pressure relief feature; Russell L. Rogers, et al., 137/614.04; 251/149.6 [IMAGE AVAILABLE]

15. 5,203,103, Apr. 20, 1993, Action fishing lure; James M. Hawley, 43/17.1, 42.24 [IMAGE AVAILABLE]

16. 5,193,016, Mar. 9, 1993, Non-linear device for amplifying the intensities of light rays that produce an image; Georges Cornuejols, 349/25, 57, 74, 116, 180 [IMAGE AVAILABLE]

17. 5,191,613, Mar. 2, 1993, Knowledge based system for document authentication; James M. Graziano, et al., 380/25; 340/825.31, 825.34; 380/23, 49 [IMAGE AVAILABLE]

18. 5,163,091, Nov. 10, 1992, Knowledge based system for document authentication (apparatus); James M. Graziano, et al., 380/25; 340/825.34; 380/49 [IMAGE AVAILABLE]

19. 5,031,214, Jul. 9, 1991, Document authentication apparatus; Halina S. Dziewit, et al., 380/23; 364/225.4, DIG.1; 380/25, 49 [IMAGE AVAILABLE]

20. 5,018,196, May 21, 1991, Method for electronic transaction with digital signature; Kazuo Takaragi, et al., 380/30, 23, 25 [IMAGE AVAILABLE]

21. 5,004,500, Apr. 2, 1991, Chlorination process for recovering gold values from gold alloys; Wendell E. Dunn, Jr., et al., 75/422, 423 [IMAGE AVAILABLE]

22. 4,981,370, Jan. 1, 1991, Document authentication apparatus; Halina S. Dziewit, et al., 380/25; 340/825.34; 380/49 [IMAGE AVAILABLE]

23. 4,975,341, Dec. 4, 1990, Electrochemical cell with circuit disconnect device; Gary R. Tucholski, et al., 429/62, 54 [IMAGE AVAILABLE]

24. 4,385,206, May 24, 1983, Programmable port sense and control signal preprocessor for a central office switching system; Robert H. Bradshaw, et al., 395/200.74; 370/384; 379/284; 395/200.78 [IMAGE AVAILABLE]

25. 4,372,996, Feb. 8, 1983, Method for metallizing aluminum pads of an integrated circuit chip; Elis A. Guditz, et al., 438/678; 106/1.29; 427/436; 438/652 [IMAGE AVAILABLE]

26. 4,165,459, Aug. 21, 1979, Time interval measurement; Walter R. Curtice, 368/119; 377/39, 44; 702/79; 968/844, DIG.1 [IMAGE AVAILABLE]

27. 4,150,177, Apr. 17, 1979, Method for selectively nickelating a layer of polymerized polyester resin; Elis A. Guditz, et al., 430/324; 205/187, 222; 216/18, 52, 83; 427/259, 282, 306, 307, 322, 443.1; 438/641, 677, 678 [IMAGE AVAILABLE]

28. 4,121,096, Oct. 17, 1978, System for automatic control of object by contrast program; Vasily Grigorievich Merezkin, 250/202; 318/577 [IMAGE AVAILABLE]

29. 4,115,228, Sep. 19, 1978, Method of making secondary-electron emitters; Victor E. Henrich, et al., 204/192.3 [IMAGE AVAILABLE]

30. 4,093,927, Jun. 6, 1978, Pulsed gas laser; Jeffrey Steven Levine, 372/84, 87, 103 [IMAGE AVAILABLE]

=> s contract#

L1 67628 CONTRACT#

=> s electronic (2a) 11

274842 ELECTRONIC
L2 41 ELECTRONIC (2A) L1

=> d 1-41

1. 5,845,262, Dec. 1, 1998, Electronic press information dispatching system; Tatsuhiro Nozue, et al., 705/26; 395/200.33, 200.47 [IMAGE AVAILABLE]
 2. 5,828,753, Oct. 27, 1998, Circuit and method for ensuring interconnect security within a multi-chip integrated circuit package; Derek L. Davis, 380/49, 4 [IMAGE AVAILABLE]
 3. 5,825,880, Oct. 20, 1998, Multi-step digital signature method and system; Frank W. Sudia, et al., 380/21, 25, 30 [IMAGE AVAILABLE]
 4. 5,794,207, Aug. 11, 1998, Method and apparatus for a cryptographically assisted commercial network system designed to facilitate buyer-driven conditional purchase offers; Jay S. Walker, et al., 705/1; 380/23, 25, 49; 705/26 [IMAGE AVAILABLE]
 5. 5,694,546, Dec. 2, 1997, System for automatic unattended electronic information transport between a server and a client by a vendor provided transport software with a manifest list; Richard R. Reisman, 705/26; 395/200.47, 200.57, 712; 707/10 [IMAGE AVAILABLE]
 6. 5,585,624, Dec. 17, 1996, Apparatus and method for mounting and stabilizing a hybrid focal plane array; Rolin K. Asatourian, et al., 250/216, 332, 352, 370.08; 257/186 [IMAGE AVAILABLE]
 7. 5,553,145, Sep. 3, 1996, Simultaneous electronic transactions with visible trusted parties; Silvia Micali, 380/30, 25 [IMAGE AVAILABLE]
 8. 5,546,624, Aug. 20, 1996, Apparatus to selectively couple ultrasonic energy in a therapeutic ultrasonic toothbrush; Robert T. Bock, 15/22.1, 167.1; 433/119 [IMAGE AVAILABLE]
 9. 5,473,119, Dec. 5, 1995, Stress-resistant circuit board; C. Thomas Rosenmayer, et al., 174/255, 250, 258, 260, 266; 361/750 [IMAGE AVAILABLE]
 10. 5,422,953, Jun. 6, 1995, Personal date/time notary device; Addison M. Fischer, 380/23, 30 [IMAGE AVAILABLE]
 11. 5,369,831, Dec. 6, 1994, Therapeutic ultrasonic toothbrush; Robert T. Bock, 15/22.1, 167.1, 176.6; 433/119 [IMAGE AVAILABLE]
 12. 5,253,165, Oct. 12, 1993, Computerized reservations and scheduling system; Eduardo Leiseca, et al., 705/5 [IMAGE AVAILABLE]
 13. 5,217,429, Jun. 8, 1993, Apparatus for driving blood pumping device; Naritoshi Kanai, 600/18; 604/914; 623/3 [IMAGE AVAILABLE]

understanding, but endures beyond the lifetime of paper. Should the contents of an **electronic contract** be brought into question, the data comprising the terms and conditions of the **electronic contract** is immediately retrievable and transformable to a human readable document.

DETDESC:

DETD(11)

Another requirement issue which becomes evident under the Statute of Frauds in regard to the use of **electronic contracts** is the signature requirement by the person to be charged. The Uniform Commercial Code (UCC) defines "signed" to include "any. . .

DETDESC:

DETD(26)

Alterations of the contract during transmission is particularly a concern with respect to written and **electronic contracts**. The written document can easily pass through human hands that can expertly alter the contents of the paper expression. Detecting. . .

DETDESC:

DETD(59)

The . . . offer, transmits an electronic (ex. - EDI standard form) response to the first party signifying acceptance of the offer, an **electronic contract** is formed. This response can be an echoing of the basic terms of the first party's offer, along with an. . .
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US PAT NO: 5,031,214 [IMAGE AVAILABLE]

L2: 19 of 41

SUMMARY:

BSUM(12)

In this manner, no paper document version of this **electronic contract** need be produced. All the traditional elements of a paper contract are present in electronic form in the computer system.. . . Each of these elements satisfy the traditional legal requirements for paper contracts, wills or other legal documents thereby implementing an **electronic contract**.

DETDESC:

DETD(8)

The computer media on which an **electronic contract** is stored as data also provides a permanent record to which a court can turn in the event of a. . . existence of a representation of the parties' understanding, but endures beyond the lifetime of paper. Should the contents of an **electronic contract** be brought into question, the data comprising the terms and conditions of the **electronic contract** is immediately retrievable and transformable to a human readable document.

DETDESC:

DETD(10)